N THE UNITED STATES PATENT AND TRADEMARK OFFICE

ant(s): Stephen John HINDE,

et al.

Serial No.: 09/990,768

Filed: November 21, 2001

For: "VOICE COMMUNICATION CONCERNING ) Our Ref: B-4401 619339-8

A LOCAL ENTITY"

) Re: Information Disclosure

Statement

Group: 2655

Examiner: Vo, Huyen X.

) Date: November 19, 2004

Commissioner for Patents P.O. Box 1450 Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the next Office Action on the merits. We are enclosing herewith a copy of each document listed on the enclosed Form PTO-1449 (modified).

It should be noted that the above-identified application may be related by subject matter to the following U.S. Application(s): 09/990,766, filed November 21, 2001 (published as U.S. Patent Application Publication No. 2002/0077826 A1); 09/990,765, filed November 21, 2001 (published as U.S. Patent Application Publication No. 2002/0078148 A1); 09/990,764, filed on November 21, 2001 (published as U.S. Patent Application Publication No. 2002/0082838 A1). Pursuant to 37 C.F.R. 1.56(a) and M.P.E.P. 2004, paragraph 9, the applicant brings these co-pending applications to the attention of the Examiner. The Examiner should consider this information during the prosecution of the above-identified application. However, citation of these applications does not constitute an admission that the claims of the present application are substantially similar or similar to those of the applications listed above.

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The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

This IDS is being submitted after receiving an Office Action on the merits, but before receiving a Final Rejection or Notice of Allowance, and the Commissioner is authorized to charge Deposit Account No. 08-2025 \$180.00 (or any other required amount), which is the fee set forth in 37 C.F.R. § 1.97(c). A duplicate of this paper is attached. Thus, this IDS should be fully considered on the merits, in accordance with 37 C.F.R. § 1.97(d).

This paper is not being filed as a response to the Office Action issued September 20, 2004. A response to that Office Action will be made with a separate filing.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.) Also, the filing of this Information Disclosure Statement does not constitute a response to the pending Office Action, mailed September 20, 2004.

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The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450",

on November 19, 2004 by Shana Morda,

Respectfully submitted,

Robert Popa Attorney for Applicant

Reg. No. 43,010

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Enclosures: Form PTO-1449 (modified) (1 page)

Copy of documents listed on Form PTO-1449 (modified)

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| Form PTO-1449 (Modified)                         | <b>ATTY DOCKET NO.</b> B-4401 619339-8  | U.S. SERIAL NO.<br>09/990,768 |  |
|--|---|-------------------------------|--|
| LIST OF PATENTS AND<br>PUBLICATIONS<br>STATEMENT | APPLICANT(S) Stephen John HINDE, et al. |                               |  |
|  | FILING DATE<br>November 21, 2001        | <i>GROUP</i><br>2655          |  |

U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | ISSUE<br>DATE | NAME          | CLASS | SUBCLASS | FILING DATE<br>or 102(e)<br>DATE IF<br>APPROPRIATE |
|---------------------|-----------------|---------------|---------------|-------|----------|--|
|                     | 5,943,427       | 8/1999        | Massie et al. | 381   | 17       |  |
|                     | 2002/0077826 A1 | 6/2002        | Hinde et al.  | 704   | 270      |  |
|                     | 2002/0078148 A1 | 6/2002        | Hinde et al.  | 709   | 203      |  |
|                     | 2002/0082838 A1 | 6/2002        | Hinde et al.  | 704   | 270.1    |  |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | PUBLICATION<br>DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES/NO |
|-----------------|---------------------|---------|-------|----------|-----------------------|
|                 |                     |         |       | -        |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Billinghurst, M., et al., "A Wearable Spatial Conferencing Space,"

Proceedings of the Second International Symposium on Wearable

Computers, Pittsburgh, Pennsylvania, 8 pages total (October 19-20, 1998).

King, R.B., et al., "The Impact of Signal Bandwidth on Auditory Localization: Implications for the Design of Three-Dimensional Audio Displays," Human Factors, Vol. 39, No. 2, pp. 287-295 (1997).

Sawhney, N., et al., "Speaking and Listening on the Run: Design for Wearable Audio Computing," IEEE, pp. 108-115 (1998).

| <u>EXAMINER</u> | DATE CONSIDERED |  |  |
|-----------------|-----------------|--|--|
|                 |                 |  |  |
|                 |                 |  |  |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.